

# PATENT ABSTRACTS OF JAPAN

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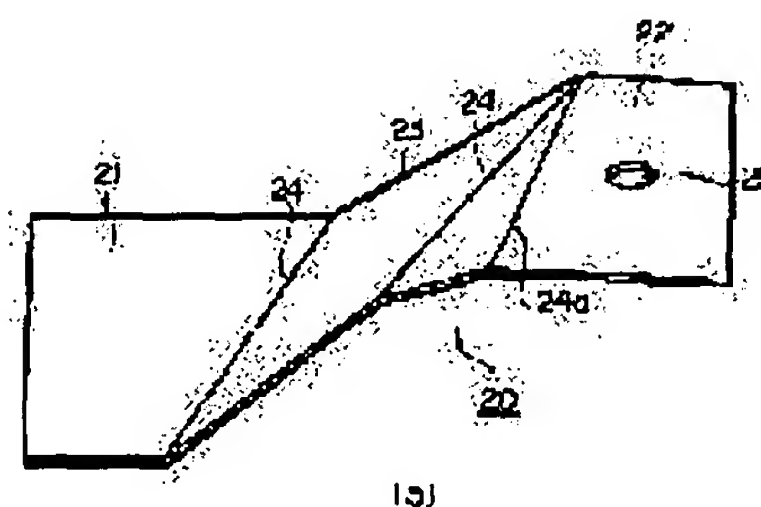
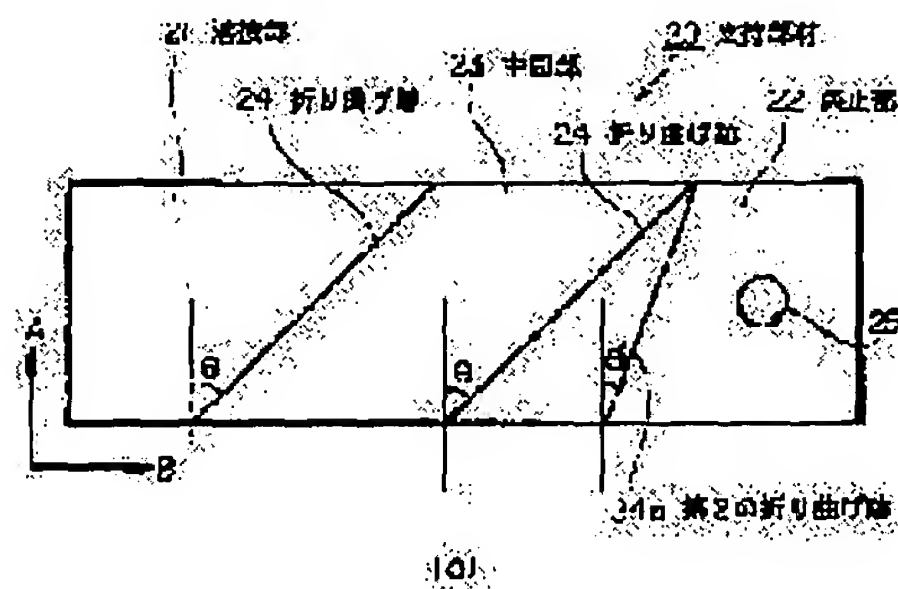
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(54) CATHODE-RAY TUBE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a cathode-ray tube which can prevent mislanding caused by thermal expansion, etc., without use of any expensive bimetal component and can reduce damage of a fixing pin in association with mounting and removal of a color selecting mechanism.

SOLUTION: In this cathode-ray tube, a plate-shaped supporting member 20 for mounting a color selecting mechanism on the inside of a phosphor panel is composed of a welding part 21 to be welded to the side with color selecting mechanism, a locking part 22 to be locked to the side with phosphor panel, and an intermediate part 23 which couples the two parts 21 and 22, and a pair of folding traces 24 to partition the welding part 21, locking part 22, intermediate part 23 are provided while forming a prescribed angle  $\theta$



with the direction A across the width of the member, and within the locking part 22 a second folding trace 24a is provided for correcting the inclination of the plane of the locking part 22 with respect to the plane of the welding part 21.

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## LEGAL STATUS

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